

# **CAP / FAA WINGS PROGRAM**



**WIWG STAN / EVAL**

**SYLLABUS**

The CAP / FAA Wings Program is unique because of the USAF reimbursement of up to three hours flight training toward completing the Wings Program.

Reimbursement requires that training be provided in CAP aircraft by CAP CFI Check Pilot IP's or FAA qualified CAP members. Participating CAP pilots must be Mission Pilot qualified or Mission Transport Pilot qualified.

Pilots completing the three hours of flight training would receive the appropriate level of the FAA Wings Award.

The CFI Check Pilot IP will contact the Wing Standardization / Evaluation Officer (WIDOV) for a Mission Number (to be used when submitting a CAPF 108 Reimbursement Form) and a Budget Control Number. At this time and prior to the first flight, the CFI will verify that all items listed on page two are complete and correct.

To contact WIDOV, Phone 608-526-4118 or e-mail at: hmoe@charter.net. Include the name of the Wings Pilot, Check Pilot IP, date of first flight, and certify that the pilot information on page 2 has been reviewed and is correct.

The same Mission Number and Budget Control Number will be used for all three flights ... one CAPF 108 is submitted for all three hours of training reimbursement and a copy sent to WIDOV. Once first flight is completed the remaining two training flights must be completed within 30 days, but no later than the end of our fiscal year, 30 September.

The completion page of the CAP / FAA Wings Program Syllabus will be included in the squadron pilot file to fulfill documentation requirements of the biennial flight review and the CAPF 5 check ride.

The WMU will be updated using the date of the last flight when certifying the biennial and CAPF 5 requirements.

After completing the flight training program the CFI Check Pilot IP will endorse the pilots log book as outlined in Advisory Circular 61-91H 9 (a). Complete the Wings Pilot Proficiency Award Record and mail to the Milwaukee address shown.

### WINGS GUIDE FOR THE CFI CHECK PILOT

Before the first flight training session, the each pilot participating in the CAP Wings Program must present the following to the CFI for check off:

- ☐ Pilot Proficiency Award Record from a FAA Safety Clinic
- ☐ FAA Pilot Certificate
- ☐ Current FAA Medical
- ☐ Documentation of current Biennial Flight Review (FAR 61.56).
- ☐ Completed and endorsed aircraft questionnaire for the airplane to be used in this program.
- ☐ Completion of the CAPF 5 written examination (within the previous 90 days).
- ☐ Copy of the current CAPF 5 (within the previous 12 months).
- ☐ Copy of CAPF 91 (within the previous 24 months).
- ☐ CAPF 5 with headings completed.
- ☐ Pilot is appropriately rated for the CAP aircraft to be used with respect to Category, Class, and Type.

Mission Pilots Name: \_\_\_\_\_

Check Pilot Name: \_\_\_\_\_

Flight Release Officer: \_\_\_\_\_

Date: \_\_\_\_\_

Wing Budget Control Number: \_\_\_\_\_

## MAKING SAFE TAKEOFF AND LANDINGS

### WINGS TRAINING LESSON ONE

Classroom Training - one hour minimum:

- the
1. Safe taxi techniques for CAP aircraft. Emphasize taxiing in wind and remaining on hardstand. Discuss avoiding the dangers of taxiing on grass areas (holes and stones).
  2. Use of the Aircraft Checklist, to include why each item is preformed. Include a discussion of passenger briefing requirements in CAPR 60-1, 2-5 (o)
  3. The role of power, airspeed, pitch and altitude in developing a safe takeoff technique.
  4. The role of directional control, brakes, rudder and go-around control in developing a safe landing technique.
  5. Operational risk management and the go-around
  6. POH review, tire pressure and v - speeds, the value of the magneto idle check, and importance of the 121.5 ELT check.
  7. Specific aircraft characteristics common to your squadrons airplane (182 - nose heavy)
  8. Review flight maneuvers to be preformed today.

Flight Training - one hour minimum:

1. Short Field Takeoff and Landings (airports used must be listed in the AFD).
2. Soft Field Takeoff and Landings
3. Crosswind Takeoff and Landings
4. Normal Takeoff and Landings
5. Balked Landings and Go-Around
6. No-Flap Landings

Review:

1. Radio Procedures
2. Vigilance and Traffic Avoidance
3. Judgment

## **DEALING WITH THE UNEXPECTED**

### **WINGS TRAINING LESSON TWO**

Classroom Training - one hour minimum:

1. Review of the Emergency Checklist and what each step means.
2. Discuss the Emergency Flow Pattern and the “why” of each step.
3. Selecting a landing field ...
4. When to try a restart and when not to try a restart.
5. Flap management and speed control
6. CRM - Who has the airplane when ...
7. Safety and CAPR 60-1

Flight Training - one hour minimum

1. Engine out in cruise and locating the Emergency Checklist
2. Emergency procedures with a good engine (fire, structural problems, smells and oil)
3. Unusual and unexpected attitudes (wake turbulence)
4. Reaction to low altitude emergencies
5. Stalls and slow flight

Review:

1. Radio Procedures
2. Vigilance and Traffic Avoidance
3. Judgment

## **FLYING BY REFERENCE TO INSTRUMENTS**

### **WINGS TRAINING LESSON THREE**

Classroom Training - one hour minimum:

1. Getting a weather and notam briefing
2. Operational Risk Management on instruments
3. Specific aircraft characteristics on instruments
4. The pitot static system
5. Icing conditions and your airplane
6. Basic instrument flying
7. Why both vacuum and electric instruments
8. Dealing with the unexpected - flight into IMC

Flight Training - one hour minimum:

1. Recovery from unusual attitudes
2. Basic instrument flying (scanning)
3. Constant altitude turns
4. VOR tracking
5. GPS orientation and tracking
6. Instrument approaches (IFR rated pilots)
7. Holding patterns (IFR rated pilots)
8. VOR intercept and tracking (IFR rated pilots)
9. Missed approaches (IFR rated pilots)

REVIEW:

1. Radio Procedures
2. Vigilance and Traffic Avoidance
3. Judgment

**AT THE COMPLETION OF THE FINAL CAP / FAA WINGS SYLLABUS FLIGHT THE  
CHECK PILOT IP WILL COMPLETE THIS PAGE AND ATTACH IT TO A COMPLETED  
CAPF 5. BOTH WILL BE ENTERED INTO THE PILOTS WIWG FORM 9a FILE.**

I certify that Mr. / Ms. \_\_\_\_\_ has

Satisfactorily completed the training outlined in the

CAP / FAA Wings Syllabus on

(Date) \_\_\_\_\_

At (squadron & charter #) \_\_\_\_\_

This page is to be entered into the Pilot File (WIWG form 9a, Jan 2002) along with a completed CAPF 5  
showing completion of the Biennial Flight Review and satisfactory CAPF 5 currency.

\_\_\_\_\_  
(Check Pilot IP)